

Date 13. 5. 40

Dear Prof. Krishnan,

Owing to pressure of work connected with University + College examinations, I have not had time to reply to your letter earlier.

(1) The X-ray <sup>Grating</sup> Spectrograph can be used within the range 10 A.U. to 40 A.U. + has a dispersion of about 2.5 A.U. per mm.

(2) The Fluorite Prism Spectrograph will take you down to about 1400 A.U. + has a dispersion in that region of about 10 A.U. per mm.

(3) The 1 metre vacuum concave grating spectrograph is being set up. Exact dispersion cannot be given just now.

The maintenance of vacuum is giving trouble which we hope to overcome soon.

It appears that it would not be convenient for you to come here now, as I will be leaving Patna soon.

I will be having instructions, so that apparatus no (3) is set up during the

MEMORANDUM  
EDUCATIONAL SERVICE  
ARTS

Summer vacation. On my return to  
Patna in July, I will let you know  
the exact situation. You may then  
decide to come here.

I am sorry, it has not been  
possible to get the instruments right,  
~~before~~<sup>earlier</sup>. The continuous interruptions  
due to ordinary routine work of  
teaching + administration in an  
institution which contains a large  
number of undergraduate students,  
make research work also interrupted,  
involving considerable waste of time.

All my attempts to prevent this  
have been of no avail up till now.

With best regards yours sincerely  
J. S. S. S.